

SUBJECT AND AUTHOR INDEX

| | |
|---|--------|
| Adams, E. Q., and Forsythe, W. E., Establishing and Maintaining Color Temperature Scale..... | 1 |
| and Forsythe, W. E., Radiometric and Colorimetric Characteristics of Blackbody between 2800°K and 3800°K..... | 52 |
| Ades, C. S., Failure of Tacoma Narrows Bridge..... | 74 |
| Blackbody..... | 2 |
| blackbody as standard of intensity and color..... | 6 |
| constructing and operating blackbody..... | 4 |
| diagram of blackbody furnace..... | 4 |
| diagram of carbon-tube blackbody furnace..... | 5 |
| diagram of special blackbody furnace used at National Bureau of Standards..... | 5 |
| Mendenhall's open-wedge blackbody..... | 5 |
| 1931 I.C.I. Standard Observer for Colorimetry..... | 55 |
| Planck Radiation Law..... | 53 |
| radiation laws of blackbody..... | 2 |
| Radiometric and Colorimetric Characteristics of Blackbody between 2800°K and 3800°K..... | 52 |
| spectral radiance of blackbody..... | 54 |
| value of blackbody..... | 5 |
| Worthing's tungsten-tube blackbody furnace..... | 5 |
| Brightness, secondary standards of brightness..... | 9 |
| Color temperature scale..... | 11 |
| accuracy in measuring color temperatures..... | 16 |
| check on old color temperature standards..... | 20 |
| checking red-blue-ratio method..... | 14 |
| color match and spectral distribution..... | 17 |
| color matching by red-blue ratio..... | 13 |
| color-temperature-altering filters..... | 22 |
| color-temperature-altering filters in use..... | 25 |
| color temperature and characteristics of lamps..... | 26 |
| comparison of Nela Park Color Temperature Scale with that of National Bureau of Standards..... | 18 |
| direct comparison..... | 11 |
| Establishing and maintaining color temperature scale..... | 1 |
| extending color temperature scale..... | 12 |
| maintaining color temperature scale..... | 18 |
| National Bureau of Standards Color Temperature Scale..... | 20 |
| relation between color temperature and applied volts from old standard lamp T-1..... | 12 |
| Colorimetric and Radiometric Characteristics of Blackbody between 2800°K and 3800°K..... | 52 |
| Cranial Nerves: Review of Fifty Years..... | 41 |
| Davidson, A. W., The Engineer Looks at the Arts College..... | 74 |
| Denison Scientific Association, Report of Permanent Secretary for year 1942-1943..... | 69 |
| Detweiler, F. G., Unscientific Marriage Laws..... | 72 |

| | |
|--|----|
| Ebaugh, W. C., Modern Chemical Warfare..... | 71 |
| Forsythe, W. E., and Adams, E. Q., Establishing and Maintaining Color Temperature Scale..... | 1 |
| and Adams, E. Q., Radiometric and Colorimetric Characteristics of Blackbody between 2800°K and 3800°K..... | 52 |
| Gordon, Leland J., Consumers in Wartime | 73 |
| Herrick, C. Johnson, Cranial Nerves: Review of Fifty Years..... | 41 |
| Meaning of Science in Human Affairs..... | 69 |
| Idaho, Vegetation of Idaho..... | 32 |
| Artemesia-Atriplex formation..... | 37 |
| classification of Idaho vegetation..... | 33 |
| factors affecting Idaho vegetation..... | 33 |
| Picea-Abies formation..... | 35 |
| Pinus-Juniperus formation..... | 37 |
| Pinus-Pseudotsuga formation..... | 35 |
| Stipa-Bouteloua formation..... | 36 |
| Thuja-Tsuga formation..... | 35 |
| tundra formation..... | 33 |
| Lindsey, Arthur Ward, Unsocial Man..... | 70 |
| Mahard, Richard H., Problems Arising from Meandering of Mississippi River..... | 72 |
| Meyers, R. M., Problems Involved in Preventing Abscission of Leaves, Flowers, and Fruit, and in Development of Parthenocarpic Fruit..... | 75 |
| Myers, R. Maurice, Vegetation of Idaho..... | 32 |
| Nerves, Cranial Nerves: Review of Fifty Years..... | 41 |
| Palladium, melting point of palladium..... | 8 |
| Peterson, V. C., Synthetics and Their Manufacture..... | 72 |
| Radiometric and Colorimetric Characteristics of Blackbody between 2800°K and 3800°K..... | 52 |
| Rush, J. H., Operational Viewpoint in Scientific Method..... | 71 |
| Secretary's report, Report of Permanent Secretary of the Denison Scientific Association for year 1942-1943..... | 69 |
| Smith, Leon E., Frequency Modulation..... | 70 |
| Stekle, Lynde D., Shocked into Health..... | 69 |
| Temperature, check on high temperature scale..... | 10 |
| Establishing and maintaining color temperature scale..... | 1 |
| establishing high temperature scale..... | 6 |
| maintaining high temperature scale..... | 9 |
| Tungsten lamps, filament and bulb of T-100 and T-116..... | 10 |
| Vegetation of Idaho..... | 32 |





